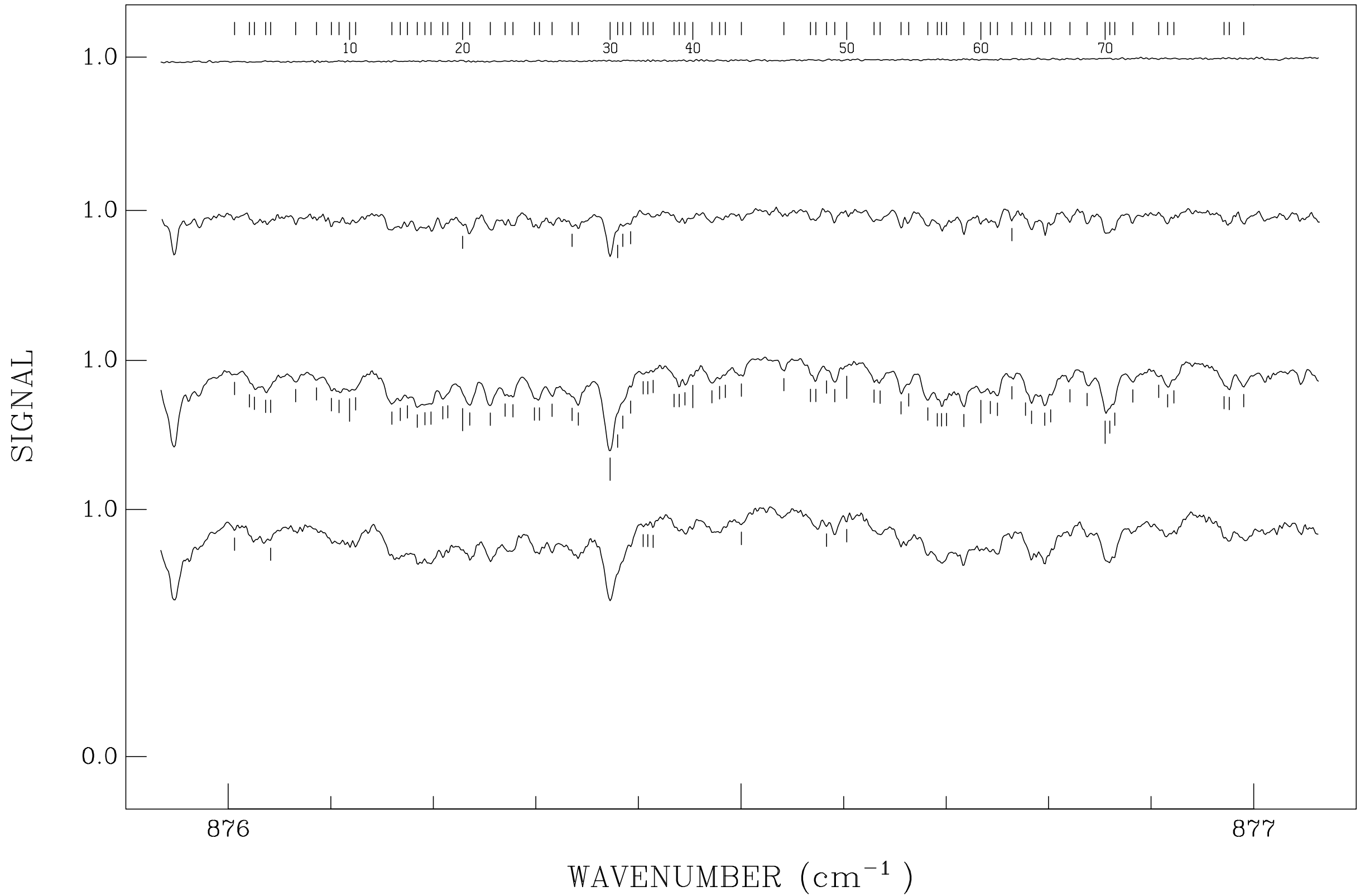


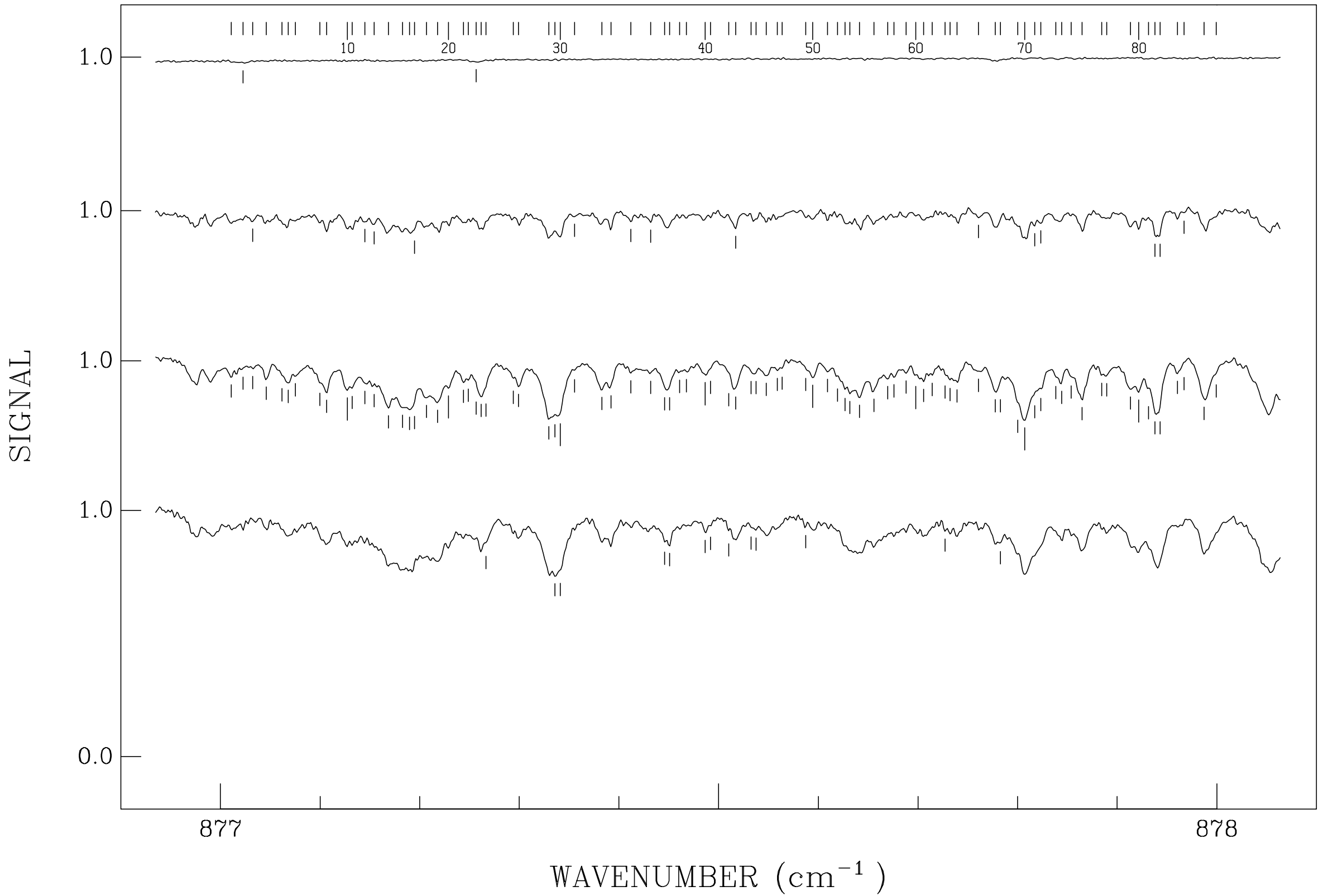
6 JUNE 1988

37.3KM 68.0° 36.75KM 93.34° 36.63KM 94.07° 36.47KM 94.81°



6 JUNE 1988

37.3KM 68.0° 36.75KM 93.34° 36.63KM 94.07° 36.47KM 94.81°



876-878 cm<sup>-1</sup>

Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification	Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification
1	876.0061	HNO <sub>3</sub>	31	876.3798	HNO <sub>3</sub>
2	876.0208	HNO <sub>3</sub>	32	876.3847	HNO <sub>3</sub>
3	876.0251	HNO <sub>3</sub>	33	876.3923	HNO <sub>3</sub>
4	876.0370	HNO <sub>3</sub>	34	876.4047	HNO <sub>3</sub>
5	876.0405	HNO <sub>3</sub>	35	876.4092	HNO <sub>3</sub>
6	876.0657	HNO <sub>3</sub>	36	876.4141	HNO <sub>3</sub>
7	876.0860	HNO <sub>3</sub>	37	876.4349	HNO <sub>3</sub>
8	876.1006	HNO <sub>3</sub>	38	876.4397	HNO <sub>3</sub>
9	876.1082	HNO <sub>3</sub>	39	876.4454	HNO <sub>3</sub>
10	876.1183	HNO <sub>3</sub>	40	876.4530	HNO <sub>3</sub>
11	876.1241	HNO <sub>3</sub>	41	876.4715	HNO <sub>3</sub>
12	876.1593	HNO <sub>3</sub>	42	876.4792	HNO <sub>3</sub>
13	876.1678	HNO <sub>3</sub>	43	876.4845	HNO <sub>3</sub>
14	876.1748	HNO <sub>3</sub>	44	876.5004	HNO <sub>3</sub>
15	876.1841	HNO <sub>3</sub>	45	876.5417	HNO <sub>3</sub>
16	876.1918	HNO <sub>3</sub>	46	876.5683	HNO <sub>3</sub> ?
17	876.1976	HNO <sub>3</sub>	47	876.5725	HNO <sub>3</sub>
18	876.2092	HNO <sub>3</sub>	48	876.5837	?
19	876.2141	HNO <sub>3</sub>	49	876.5915	HNO <sub>3</sub>
20	876.2285	HNO <sub>3</sub>	50	876.6032	HNO <sub>3</sub> ?
21	876.2356	HNO <sub>3</sub>	51	876.6297	HNO <sub>3</sub>
22	876.2555	HNO <sub>3</sub>	52	876.6358	HNO <sub>3</sub>
23	876.2700	HNO <sub>3</sub>	53	876.6562	HNO <sub>3</sub>
24	876.2778	HNO <sub>3</sub>	54	876.6634	HNO <sub>3</sub>
25	876.2994	HNO <sub>3</sub>	55	876.6822	HNO <sub>3</sub>
26	876.3024	HNO <sub>3</sub>	56	876.6915	HNO <sub>3</sub>
27	876.3158	HNO <sub>3</sub>	57	876.6961	HNO <sub>3</sub>
28	876.3352	HNO <sub>3</sub>	58	876.6997	HNO <sub>3</sub> ?
29	876.3411	HNO <sub>3</sub>	59	876.7173	HNO <sub>3</sub>
30	876.3724	HNO <sub>3</sub>	60	876.7340	HNO <sub>3</sub>

876-878 cm<sup>-1</sup> (continued)

Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification	Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification
61	876.7432	HNO <sub>3</sub>	91	877.1448	HNO <sub>3</sub>
62	876.7500	HNO <sub>3</sub>	92	877.1543	HNO <sub>3</sub>
63	876.7640	HNO <sub>3</sub>	93	877.1685	HNO <sub>3</sub>
64	876.7773	HNO <sub>3</sub> ?	94	877.1827	HNO <sub>3</sub>
65	876.7833	HNO <sub>3</sub>	95	877.1904	HNO <sub>3</sub>
66	876.7963	HNO <sub>3</sub>	96	877.1941	HNO <sub>3</sub>
67	876.8022	HNO <sub>3</sub>	97	877.2066	HNO <sub>3</sub>
68	876.8207	HNO <sub>3</sub>	98	877.2177	HNO <sub>3</sub>
69	876.8376	HNO <sub>3</sub>	99	877.2288	HNO <sub>3</sub>
70	876.8559	HNO <sub>3</sub>	100	877.2438	HNO <sub>3</sub>
71	876.8594	HNO <sub>3</sub>	101	877.2487	HNO <sub>3</sub>
72	876.8639	HNO <sub>3</sub>	102	877.2569	solar OH
73	876.8822	HNO <sub>3</sub>	103	877.2613	HNO <sub>3</sub> + solar OH
74	876.9072	HNO <sub>3</sub>	104	877.2663	HNO <sub>3</sub>
75	876.9160	HNO <sub>3</sub>	105	877.2939	HNO <sub>3</sub>
76	876.9222	HNO <sub>3</sub>	106	877.2991	HNO <sub>3</sub>
77	876.9714	HNO <sub>3</sub>	107	877.3296	HNO <sub>3</sub>
78	876.9760	HNO <sub>3</sub>	108	877.3359	? + HNO <sub>3</sub>
79	876.9900	HNO <sub>3</sub>	109	877.3407	HNO <sub>3</sub>
80	877.0109	HNO <sub>3</sub>	110	877.3554	HNO <sub>3</sub> ?
81	877.0223	solar OH + HNO <sub>3</sub> ?	111	877.3827	HNO <sub>3</sub>
82	877.0324	HNO <sub>3</sub>	112	877.3918	HNO <sub>3</sub>
83	877.0458	HNO <sub>3</sub>	113	877.4120	HNO <sub>3</sub>
84	877.0617	HNO <sub>3</sub>	114	877.4318	HNO <sub>3</sub>
85	877.0680	HNO <sub>3</sub>	115	877.4462	HNO <sub>3</sub>
86	877.0751	HNO <sub>3</sub>	116	877.4504	HNO <sub>3</sub>
87	877.0996	HNO <sub>3</sub>	117	877.4610	HNO <sub>3</sub>
88	877.1064	HNO <sub>3</sub>	118	877.4675	HNO <sub>3</sub>
89	877.1274	HNO <sub>3</sub>	119	877.4864	HNO <sub>3</sub>
90	877.1323	HNO <sub>3</sub> + CO <sub>2</sub> ?	120	877.4919	HNO <sub>3</sub>

876-878 cm<sup>-1</sup> (continued)

Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification	Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification
121	877.5100	HNO <sub>3</sub> ?	151	877.8235	HNO <sub>3</sub>
122	877.5171	HNO <sub>3</sub>	152	877.8382	HNO <sub>3</sub>
123	877.5331	HNO <sub>3</sub>	153	877.8441	HNO <sub>3</sub>
124	877.5372	HNO <sub>3</sub>	154	877.8538	HNO <sub>3</sub>
125	877.5478	HNO <sub>3</sub>	155	877.8646	HNO <sub>3</sub>
126	877.5591	HNO <sub>3</sub>	156	877.8848	HNO <sub>3</sub>
127	877.5635	HNO <sub>3</sub>	157	877.8892	HNO <sub>3</sub>
128	877.5872	HNO <sub>3</sub>	158	877.9135	HNO <sub>3</sub>
129	877.5945	HNO <sub>3</sub>	159	877.9217	HNO <sub>3</sub>
130	877.6094	HNO <sub>3</sub>	160	877.9314	HNO <sub>3</sub>
131	877.6191	HNO <sub>3</sub>	161	877.9391	HNO <sub>3</sub>
132	877.6269	HNO <sub>3</sub> ?	162	877.9419	HNO <sub>3</sub>
133	877.6317	HNO <sub>3</sub>	163	877.9605	HNO <sub>3</sub>
134	877.6412	HNO <sub>3</sub>	164	877.9672	HNO <sub>3</sub> ?
135	877.6557	HNO <sub>3</sub>	165	877.9872	HNO <sub>3</sub>
136	877.6696	HNO <sub>3</sub>	166	877.9995	HNO <sub>3</sub>
137	877.6762	HNO <sub>3</sub>			
138	877.6881	HNO <sub>3</sub>			
139	877.6978	HNO <sub>3</sub>			
140	877.7057	HNO <sub>3</sub>			
141	877.7145	HNO <sub>3</sub>			
142	877.7273	?			
143	877.7323	HNO <sub>3</sub>			
144	877.7394	HNO <sub>3</sub>			
145	877.7610	HNO <sub>3</sub>			
146	877.7784	HNO <sub>3</sub> + solar OH			
147	877.7821	HNO <sub>3</sub> + ?			
148	877.8001	HNO <sub>3</sub>			
149	877.8071	HNO <sub>3</sub>			
150	877.8172	HNO <sub>3</sub>			